Best Available Copy

|       |                       | UE SLIP STAPLE                               | AREA (R | ır additio | nai cross-i | references  | 3)  |  |   |  |  |  |  |  |  |  |
|-------|-----------------------|--|---------|------------|-------------|-------------|-----|--|---|--|--|--|--|--|--|--|
|       |                       | ISSUIN                                       | G CLA   | SSIFIC     | ATION       |             |     |  |   |  |  |  |  |  |  |  |
|       | IGINAL                | CROSS REFERENCE(S)                           |         |            |             |             |     |  |   |  |  |  |  |  |  |  |
| CLASS | SUBCLASS              | CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)      |         |            |             |             |     |  |   |  |  |  |  |  |  |  |
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|       | NATIONAL<br>IFICATION |  |         | •          |             |             |     |  | - |  |  |  |  |  |  |  |
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|       | 1                     |  | Î       | i          |             | <del></del> | , . |  |   |  |  |  |  |  |  |  |
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|       | 1                     | ∧ Continued on Issue Slip Inside File Jacket |         |            |             |             |     |  |   |  |  |  |  |  |  |  |
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| Claim  | 1            |                        |              |            | Rej          | ecte  | d        | - (1       | nro          | ugh      | nur        | men         | ad)  |              |   |          | OF       | UL   |          |                |  | 1              | Non          | -ele     | cted | Α            |          |           |          | Apr        | màl      |                        |                |    |
|--|--------------|------------------------|--------------|------------|--------------|---|----------|------------|--------------|----------|------------|-------------|------|--------------|---|----------|----------|--|----------|----------------|--|----------------|--------------|----------|------|--------------|----------|-----------|----------|------------|----------|------------------------|----------------|----|
| Table   10   10   10   10   10   10   10   1   |              |                        |              |            |              |   |          |            |              |          |            | ·           |      | . Re         | stri  | bet      |          |  | 1        |                |  |                |              |          |      |              |          |           |          |            |          |                        |                | _  |
| 世 8  | Claim        |                        | _            | <u>, ,</u> |              | <u>D</u>                                      | ate      |            |              |          | 1          | Cla         | im   | L            | <u>,                                     </u> | -        |          | Da   | te       |                |  | ,              |              | Cla      | aim  |              |          | ,         | 10       | ate        |          |                        | _              | _  |
| 世 8  | <u> </u>     | 5                      | 16           | ۱\$        |              | l   | l        |            |              |          |            | L           | jag  |              |   |          |          |  |          |                |  |                |              | L        | 2    |              |          | -         | -        |            |          | ľ                      |                |    |
| 101   102   103   104   105   10   | 물림           |                        | 100          |            |              | l   |          |            |              |          |            | E           | ğ    |              |   |          |          |  |          | ·              |  |                | ٠,           |          | ē    |              |          | İ         |          | ŀ          |          |                        |                |    |
| 102  |              |                        | ₩            | 17         | 十            | ┢   | ┢        | -          | ⊢            | H        | ł          | F           |      | ┝            | ┝   | ٠        | ╁        | -  | ┝        | ├              | ┝  |                | ł            | F        | 101  | ⊢            | ┢        |           |          | H          | ┝        | H                      | ⊬              | ╀  |
| 104  | 1 2          |                        | ₶            | ľĭ         | 1            | H   | ✝        | ✝          | ┢            | t        | 1          | -           | 1    | r            | Ė   | ╁╴       |          | 1  | ┰        |                | -  | ╁╴             | 1            | $\vdash$ |      | <del> </del> | -        | _         | Н        | -          | -        |                        | H              | t  |
| 105  | 3            | П                      | $\Pi$        | П          |              |   |          | 2          |              | V.       | ١.,        |             | 53   |              |   |          |          | - 1  |          |                |  |                | 1            |          | 103  |              |          |           | . ~      |            |          |                        | F              |    |
| 10   | 4            | $\mathbf{I}\mathbf{K}$ | $\Pi$        | П          | П            |   |          |            | •            |          | ] :        |             |      |              | Ŀ   |          |          |  |          |                |  |                | 1            |          |      |              |          |           |          |            |          |                        | -              | -  |
| 107  |              |                        | Ш            | Ц          | L            | 1.50  | L        | ┖          | L            | 1        | ŀ          |             |      | Ŀ            |   | L        | L        |  |          |                |  | L              |              |          |      | L            |          |           |          |            |          |                        |                |    |
| 108  |              | -11                    | #            | Н          |              | _   | 1.5      | 3          |              | Ε.       | Į          | L           |      | L            | L   | L        |          | ᆫ  | :37      | <u> </u>       |  | Ŀ              |              | L        | 1    | L            | L        | _         | _        | 1          |          | 1                      | 3              | Ŀ  |
| 10   |              | -11.                   | ₩            | Н          | -            | 1   | -        | -          |              | 1        | -          | <u> </u>    |      | -            | <del>  -</del>                                | Ŀ        | 1        | _  | -        | <u> </u>       | _  | <u> </u>       | ,            | H        |      | Ŀ            | _        | ÷         | _        |            |          |                        |                | H  |
| 10   10   10   10   11   11   11   11  |              | -                      | ₩            | Н          |              |   | $\vdash$ | -          |              |          | Ş.         | -           |      | }-           | H   | ⊢        | 1        | <del> </del>                                 | -        | -              | -  | H              | .,           | ⊣        |      | H            |          | ÷         |          | -          |          |                        | H              | ŀ  |
| 11   |              |                        | 11           | H          | -            | :   | H        | -          | ÷            | 2        | ľ          | -           |      | H            |   |          | +        |  | ┝        | - A            | ⊢  | ╁              |              | $\vdash$ |      | H            |          | _         | -        |            |          | · .                    |                | H  |
| 13   | 11           | 1                      | Ť            | H          |              | -   | -K-1     |            |              | ź.       |            |             | 61   | T            | .9  |          | $\vdash$ | <del>-</del>                                 | $\vdash$ | 1              | <u>.</u> .                                       | Н              | 1            | <u> </u> |      | H            | Ė        | H         | <b>-</b> | H          |          | -                      | `3F"           | t  |
| 114  | 12           | 2 7                    |              | П          | ٠.           |   | —        | ţ          | 11           |          | 1          |             | 62   | Ĺ            |   |          |          | 72   | ·        |                |  |                | ١            | Ŀ        | 112  |              |          |           |          |            |          | ,,-                    | Ē              | T  |
| 15   15   15   15   15   15   15   15  | 13           | 3                      |              | V          | -            | ž.  |          | خر         |              | 1:       |            |             |      | -            |   | 1.       |          |  |          |                |  |                | . ·          |          |      |              |          |           | 4        |            |          | ę,                     |                |    |
| 16   17   17   17   17   17   17   18   17   17  |              | -                      | L            | -          | Ĺ            | <u>  -                                   </u> |          |            | L            |          |            |             |      | L            |   | سنتآ     |          |  | L        |                | L  |                | ľ            |          |      |              |          |           |          |            |          | 1.                     | .Tyl-i<br>etti | E  |
| 17   18   18   18   18   18   18   18  | A            | _                      |              | L          | 1            | -   |          | 1          | 100          |          | 1          | -           |      | 1            |   |          |          | $\vdash$                                     |          | ļ.,            | L  |                |              | L        |      | L            | Ш        | L         | 7        |            | 1        | $\mathcal{L}^{\gamma}$ | 1              | 1  |
| 18   18   18   18   18   18   18   18  |              |                        |              |            |              |   | 34       |            | -            |          |            | 7           |      | -            |   | ,        | H        | _  | <u> </u> | 1.             |  | . :            |              | _        |      |              |          |           | 1        |            | 1        | , ja                   | 1              |    |
| 19   7   2   3   3   2   3   3   3   3   3   3   |              | +                      | 411          |            |              |   |          | 32 ·       | 34           | 7        | 4.         | Ë           |      | 1.<br>2.5    | _   | 450      | -        |  | -        |                | -3   |                | 7.           | -        | _    | 2            | <br>327  | 5.0<br>电流 | 45       | (2)<br>(2) | 掘        |                        | - NA           | 13 |
| 120   120   121   121   123   124  |              | -                      |              |            |              | -   | _        | 3 m        | 11.          | 2.4      | 公公         | 1 7         | Sr . |              | 7.  | a) P     | 5        |  | . p.     | اندا<br>میر ام |  | 7.0            | i i          | 34       | 44   | 2.2          | -        |           | 4.7      | 24         | 灰        | 4                      | 100 A          |    |
| 121   1   121   123   122   123    | 10.00        |                        | _            |            |              |   |          |            | _            |          | 7          | -3          |      | e.           | -   | -        | 1        | 1.   |          | 135            | 7  |                | er<br>E      | _        |      |              | 2°C.,    | 7.        |          | e.         | t)       | 1                      | 22             | t  |
|  | 18 21        | 禁                      | 数            |            |              | -   |          | 续          |              | 1        | 6          | _           | 71   | 7            |   | 1        | 112      |  |          | 180            | 4  | r(n)           | ĝ.           | Ì.       | 121  |              | 17       | 1.3       | Ý,       | 1          | 1        | 2.4                    | 泵              | t  |
| 74   |              |                        |              | 汉          |              | 鹌   | 叁        | 莎          | 7            | \$       | 2          | 無           | 44.  |              | 1.5   | ) Y      | d.       | ž.   | \$       | 27             | 4  | $\mathcal{A}$  |              | 23       | 122  | \$<br>       | 4        | 4         |          | . N        | 1        | ù,                     | 14             | 57 |
| 125   126   127   128   128   129   129   130   131   131   132   132   133   134   134   134   134   134   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   139   140   141   142   143   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   145   145   146  |              |                        |              |            |              | 1   | _        | _          | 74           | · · ·    |            | 4           |      | 7            |   | 6        | -        | 3  |          | *-             | y.   | _              | ै            | *        |      | X.           | 7.1      | , Y       | 4.       | 1.5        | Ž.       | 15                     | 1              |    |
| 28   30   30   128   127   128   127   128   128   128   128   129   128   129   130   130   130   131   130   131   131   132   132   132   132   133   133   133   133   133   133   133   133   133   133   134   135   135   136   137   138   139   140   141   142   142   142   143   144   144   144   144   144   144   144   144   145   145   145   146   147   148   148   148<  |              |                        | -            |            | <b>*</b>     | 3   | _        |            |              | +        | 3          | <u> 5</u> . |      |              | 3   | Ĺ        | 38.0     |  | ·S.      | •              | _  | , '            | Š            |          |      |              | 12       |           | -        |            | *        | 100                    | #              | L  |
| 27   30   127   128     29   78   128   129     30   80   130   131     31   81   131   131     32   83   132   132     33   84   134   135     35   85   138   133     37   86   138   138     37   88   138   138     39   88   138   139     40   90   140   141     44   94   142   143     445   96   145   145     46   97   148   148   | 76.5 Lance 1 |                        |              | 12.5       | 32           | *   |          | #4.<br>*** | -            | 涯        | 3          |             | ·    | L            | -   | Ŀ        | -        | _  | -        |                |  | *              | / <u>`</u> - | _        |      | -            | <i></i>  | <u>-</u>  | Щ.       | ┡          |          |                        | ¥.             | Ł  |
| 28 / 9   78   128     29 / 9   129   129     30 / 9   130   131     31 / 9   131   131     32 / 9   132   132     33 / 9   133   133     34 / 1   134   134     35 / 9   135   135     36 / 9   136   137     38 / 9   138   138     39 / 9   140   141     41 / 9   142   144     44 / 9   143   144     45 / 9   93   145     46 / 9   97   147     48 / 9   148   |              |                        | -            |            | 72.4<br>1-44 | 35<br>27                                      | _        | <i>₩</i>   |              | 100      | _          | 35.71       |      | -            | -   | -        | -        | <u> </u>                                     | _        | H              | - Sec.   | $\vdash$       |              | H        |      |              | Н        | -         | Н        | <u> </u>   | _        | 45                     | 2              | F  |
| 129   130   130   131   131   132   132   132   133   134   134   134   135   135   136   137   137   138   138   139   140   141   142   142   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   145   146   146   146   146   147   148  |              | _                      | +            | -          | .>.<br>∀     |   |          | F          |              | ╁        | , .<br>, . |             |      |              | -   | -        |          |  | ┢─       |                | _  | -              |              | $\vdash$ |      | ,            | -        | H         | Н        | 4.         | _        | -                      |                | t  |
| 31   | 29           |                        | 1            |            |              |   |          | -          |              | 3        | ι          | _           | 79   |              |   |          |          | Н  | -        |                | -  |                |              | Н        |      | ┢            |          | -         |          | -          | *        |                        |                | t  |
| 32   | 30           | 1                      |              |            |              |   | ž.,      |            |              |          | 1          |             | 80   | i            |   | ,        | T        |  |          |                | 17   |                | ,            |          | 130  |              |          |           | 1        |            |          | Н                      |                | t  |
| 33   |              |                        |              | ~ .40      | ₹.           |   |          | 7          |              |          |            |             |      | ŕ            |   | Ŀ        |          |  |          |                |  |                |              |          |      |              |          | :         | ŀ        |            |          | ¥                      |                | Γ  |
| 34   | 12 1         |                        | L            | L          | L            | <u>~</u>                                      |          | ž          |              |          |            |             | _    |              |   |          |          |  |          |                |  |                | -            |          |      |              |          |           |          |            | ·        |                        |                | Γ  |
| 35   |              |                        | È.           | -          | L            |   | -        | Ŀ          |              | <u> </u> | Ι`         | Ľ           |      | L            | <u> </u>                                      | _        | Ш        | <u>.                                    </u> |          | Ш              |  |                | .5.          | Щ        |      | Ш            | Ш        | _         | -        |            |          |                        |                | Ļ  |
| 38   5   138   137   137   138   140   1 |              |                        | H            | 1          | ⊢            | 4   | H        | H          | <u> </u>     | H        |            | H           | _    | H            | L   | Ŀ        | L        | -  | -        | Ш              | -  |                |              | Ŀ        |      | _            | Н        |           |          | Н          | _        | Щ                      | H              | Ļ  |
| S7   |              |                        | H            | -          | H            | $\vdash$                                      | -        | $\vdash$   | <del> </del> | H        |            | $\vdash$    | -    | -            | $\vdash$                                      | <u> </u> | $\vdash$ | <del> </del>                                 | H        | Η-             | <del>                                     </del> | -              |              | H        |      | <u> </u>     | Н        |           | Н        | Н          | Н        | Н                      | H              | ť  |
| 38   |              |                        | t            | -          |              |   | -        | 一          | $\vdash$     | $\vdash$ | ľ          | $\vdash$    |      | $\vdash$     | $\vdash$                                      | H        | t        | ┢  | Н        | Н              | -  | Н              | Ī            | $\vdash$ |      | $\vdash$     | Н        |           | Н        | H          | H        | Н                      | H              | H  |
| \$40   \$5   \$6   \$6   \$6   \$6   \$6   \$6   \$6   |              | - 10                   |              |            | Ė            |   | Г        |            | ļ.           | Ť        |            | T           |      | ٠            | T   |          | $\Box$   | Г  | Н        | H              |  |                | ŀ            | H        |      | Н            | H        |           | H        | Н          | Н        | Н                      | <u> </u>       | t  |
| 141   142   142   142   144   144   145   145   146   147   148  |              |                        |              | Γ,         | Ŀ            |   |          |            |              |          | ١.         |             |      |              |   |          |          |  |          |                |  |                |              |          |      |              |          |           |          |            |          |                        | 1              | T  |
| 342 92   43 93   94 144   95 94   46 96   97 147   48 98   98 148  |              | _                      | 1            |            | Ē            | _   |          |            |              |          | ]          |             | ٠    |              |   |          |          |  |          |                |  |                | ľ            |          |      |              |          |           |          |            |          |                        |                |    |
| 43   |              | -                      |              | Ŀ          | L.           | -   | L        | L          | Ĺ            | $\Box$   |            | Ĺ           | ᆫ    |              | L   | Ľ        |          |  |          | П              |  |                |              |          |      | Ш            | Ц        |           |          |            |          | ÷                      |                | L  |
| 94 144 145 145 145 145 146 147 147 148 188 188 188 188 188 188 188 188 188   |              |                        | 1            | _          | _            | -   | $\vdash$ | L          | <u> </u>     | <u> </u> |            | <u> </u>    |      | _            | $\vdash$                                      | Ļ        | _        | L.   | <u> </u> | Щ              | Щ  | $\vdash$       |              | Ш        |      | <u> </u>     | Н        | -         | Ц        | Щ          | Щ        | Щ                      | -              | Ļ  |
| 96 145 146 146 147 147 148 148 148 148 148 148 148 148 148 148   |              |                        | ╀            | -          | Ŀ            | _   | H        | $\vdash$   | -            | L        | _          | Ŀ           |      | $\vdash$     | -   | ÷        | H        | $\vdash$                                     | $\vdash$ | _              | H  | $\vdash$       | ļ.           | <u> </u> |      | H            | H        | Щ         | L        | Н          | <u> </u> | -                      | Ш              | ŀ  |
| 46   96   146   97   147   147   148   1 |              |                        | <del>!</del> | $\vdash$   | $\vdash$     | ŀ   | -        | -          | $\vdash$     | ⊢        |            | H           |      | ⊢            | -   | <u> </u> | 1        | $\vdash$                                     | <u> </u> | Н              | -  | $\vdash\vdash$ |              | H        |      | Ė            | $\vdash$ | _         | H        | $\vdash$   | H        | Н                      | Н              | H  |
| 97 147 148 98 148 148 148 148 148 148 148 148 148 14   |              |                        | +            | +          | H            |   | $\vdash$ |            | -            | H        | l          | H           |      | $\vdash$     | $\vdash$                                      | $\vdash$ |          | $\vdash$                                     | $\vdash$ |                | $\vdash$   | Н              |              | H        | _    | $\vdash$     | Н        | -         | Н        | Н          | $\vdash$ | Н                      | Н              | H  |
| 48 98 148  | -            |                        | 1            | -          |              |   |          | 7          | $\vdash$     | 1        | 1          | H           |      | <del> </del> | ┢   | -        | $\vdash$ | H  | H        | Н              |  | H              |              | Н        |      |              | H        | Н         | Н        | Н          | Н        | Н                      | Н              | H  |
| 99 1 149   | - 48         |                        | Γ            | -          | П            | П   | Г        | Г          |              |          | 1          | П           |      | Г            | _   | _        | T        | Н  | П        | М              |  | П              | ١.           | П        |      | П            | Н        |           | Н        | Н          | П        | Н                      | П              | t  |
|  |              | _                      | L            |            |              |   |          |            | L            |          |            |             |      |              |   |          |          |  |          |                |  | ·              |              |          |      |              |          |           |          |            |          |                        |                | Γ  |
| 50 100 150   |              | ) [-                   | $\Box$       |            |              |   |          |            |              |          |            |             |      |              |   |          |          |  | _        |                |  |                |              |          |      |              |          |           |          |            |          |                        |                | Γ  |
| If more than 150 claims or 9 actions staple additional sheet here  | V            | ••                     |              | -          | _            |   | lf       | mo         | erc          | tha      | រោ 1       | 150         | cla  | ims          | or  | 9 8      | actic    | ons  | ste      | ple            | ad   | ditic          | ovis         | d sh     | eet  | her          | е        |           |          |            |          |                        |                | _  |
|  | 73 :         | į.                     |              | . •        | ٠.           |   |          |            |              |          |            |             |      |              |   |          |          |  |          |                |  |                |              |          |      | •            | ****     |           | ·-·      |            |          | ٠.                     |                |    |